

ABSTRACT

A multi-program trolley and track switch system is provided for a movable wall system having multiple panels supported and movable along multiple paths defined by multiple track sections. Switch assemblies automatically direct each wall panel to a predetermined wall forming location based on the arrangement of guide plates in the each switch assembly and the configuration of a diverter element associated with each trolley. Each switch assembly includes an array of vertically oriented guide plates offset at different lateral distances from the track path. Each trolley includes a side diverter element that is positioned a predetermined lateral distance from the trolley centerline to engage a pre-selected switch guide plate. In one embodiment, lead trolleys have only a side diverter element while trailing trolleys have both a side diverter element and a center diverter element.